



Re: FW: Domtar TP Comp. Sched. 

Kevin Pierard to: Mugan, Tom J - DNR

08/30/2012 12:15 PM

"Minks, Amanda L - DNR", Gary Prichard, Kevin Pierard, "Lemcke,
Cc: Michael D - DNR", "Hammers, Mike - DNR", Patrick Kuefler,
"Reichardt, Rick N - DNR", "Nyffeler, Robin T - DNR", Stephen Jann
This message is digitally signed.

History: This message has been forwarded.

Tom - This version is a great improvement. We did some editing on our end that I think adds clarity. I have attached a revision including a clean copy along with a track change version for your consideration. Please look this over and if you would like to have a call to discuss just let me know. thanks



domtar final 083012.docx



domtar final 83012 markup.doc

"Mugan, Tom J - DNR"

Kevin and others Here is our latest draft of...

08/23/2012 04:39:48 PM

From: "Mugan, Tom J - DNR" <Tom.Mugan@Wisconsin.gov>
To: Kevin Pierard/R5/USEPA/US@EPA, Stephen Jann/R5/USEPA/US@EPA, Patrick Kuefler/R5/USEPA/US@EPA, Gary Prichard/R5/USEPA/US@EPA
Cc: "Hammers, Mike - DNR" <Mike.Hammers@Wisconsin.gov>, "Reichardt, Rick N - DNR" <Rick.Reichardt@wisconsin.gov>, "Nyffeler, Robin T - DNR" <Robin.Nyffeler@Wisconsin.gov>, "Lemcke, Michael D - DNR" <Michael.Lemcke@Wisconsin.gov>, "Minks, Amanda L - DNR" <Amanda.Minks@wisconsin.gov>
Date: 08/23/2012 04:39 PM
Subject: FW: Domtar TP Comp. Sched.

Kevin and others,

Here is our latest draft of the phosphorus compliance schedule for the Domtar permit. As necessary based on our understanding of EPA's comments, we have made minor changes and moved certain parts pertaining to adaptive management and WQ trading out of the compliance schedule.

Please let us know as soon as possible if EPA could approve this permit going forward with these changes. We would be happy to discuss further if needed.

Thanks

Tom

Thomas J. Mugan
Chief, Wastewater Section
Bureau of Water Quality - WQ/3
Wisconsin Department of Natural Resources
P.O. Box 7921
Madison, WI 53707-7921
(☎) phone: (608) 266-7420
(☎) fax: (608) 267-2800
(✉) e-mail: tom.mugan@wisconsin.gov

From: Hammers, Mike - DNR
Sent: Thursday, August 23, 2012 3:43 PM
To: Mugan, Tom J - DNR
Subject: Domtar TP Comp. Sched.

Attached are two versions of the latest edit to the Domtar TP compliance schedule. The first version tracks changes to the draft that was sent to EPA. The second is a clean copy of the latest edit without changes being tracked.

 *Mike Hammers*

Wastewater Engineer
Wastewater Section
Bureau of Water Quality
Wisconsin Department of Natural Resources
phone: (608) 267-7640
fax: (608) 267-2800
e-mail: mike.hammers@wisconsin.gov

[attachment "domtar compliance schedule 8-23-12 Tracked.doc" deleted by Kevin
Pierard/R5/USEPA/US] [attachment "domtar compliance schedule 8-23-12.doc" deleted by Kevin
Pierard/R5/USEPA/US]

1.1 WQBELs for Total Phosphorus

The permittee shall comply with the water quality based effluent limits (WQBELs) for total phosphorus as specified in Table **Error! Reference source not found.** and its Footnote **Error! Reference source not found.** of this permit in accordance with the following schedule.

Required Action	Date Due
<p>Operational Evaluation Report: The permittee shall prepare and submit to the Department an operational evaluation report. The report shall include an evaluation of collected effluent data, possible source reduction measures, operational improvements or other minor facility modifications that would optimize reductions in phosphorus discharges from the treatment plant during the period prior to complying with final phosphorus WQBELs and, where possible, enable compliance with final phosphorus WQBELs by July 1, 2015. The plan shall provide a schedule for implementation of the measures, improvements, and modifications as soon as possible, but not later than June 30, 2015, and state whether the measures, improvements, and modifications will enable compliance with final phosphorus WQBELs. Regardless of whether they are expected to result in compliance, the permittee shall implement the measures, improvements, and modifications in accordance with the plan and schedule specified in the operational evaluation report.</p> <p>If the operational evaluation report concludes that the facility can achieve final phosphorus WQBELs using the existing treatment system with only source reduction measures, operational improvements, and minor facility modifications, the permittee shall comply with the final phosphorus WQBEL by July 1, 2015 and is not required to comply with the milestones identified below for 2015 through 2019.</p> <p>If the report concludes that the permittee cannot achieve final phosphorus WQBELs with source reduction measures, operational improvements and other minor facility modifications, the permittee shall initiate a facility planning study of feasible alternatives for meeting final phosphorus WQBELs and comply with the remaining required actions of this schedule of compliance. If the Department disagrees with the conclusion of the report, and determines that the permittee can achieve final phosphorus WQBELs using the existing treatment system with only source reduction measures, operational improvements, and minor facility modifications, the Department may reopen and modify the permit to include an implementation schedule for achieving the final phosphorus WQBELs sooner than July 1, 2019.</p>	6/30/2013
<p>Facility Planning and Source Reduction, Operational Improvement, and Minor Facility Modification Status Report: The permittee shall submit a status report to the Department. The report shall provide an update on the permittee's: (1) progress implementing source reduction measures, operational improvements, and minor facility modifications to optimize reductions in phosphorus discharges and, to the extent that such measures, improvements, and modifications will not enable compliance with the WQBELs, (2) status evaluating feasible alternatives for meeting phosphorus WQBELs.</p>	6/30/2014
<p>Preliminary Facility Plan: The permittee shall submit a preliminary facility plan to the Department.</p> <ul style="list-style-type: none"> If the facility plan concludes upgrading of the permittee's wastewater treatment facility is necessary to achieve final phosphorus WQBELs, the submittal shall include a preliminary engineering design report. If the facility plan concludes Adaptive Management will be used, the submittal shall include a 	6/30/2015

Comment [GU1]: Operational Evaluation Reports for POTWs should include, as a source reduction measure, the establishment of or revision to local limits. See 40 C.F.R. 122.44(i)(2)(ii).

Required Action	Date Due
<p>completed Watershed Adaptive Management Request Form 3200-139 without the Adaptive Management Plan and an engineering report addressing any treatment system upgrades necessary to meet interim limits pursuant to s. NR 217.18.</p> <ul style="list-style-type: none"> If water quality trading will be undertaken, the facility plan must state that trading will be pursued and must identify potential trading partners. 	
<p>Final Facility Plan: The permittee shall submit a final facility plan to the Department.</p> <ul style="list-style-type: none"> If the facility plan concludes upgrading of the permittee's wastewater treatment is necessary to meet final phosphorus WQBELs, the submittal shall include a final engineering design report addressing the treatment plant upgrades. If the facility plan concludes Adaptive Management will be implemented, the submittal shall include a completed Watershed Adaptive Management Request Form 3200-139 including the Adaptive Management Plan and final plans for any treatment system upgrades necessary to meet interim limits pursuant to s. NR 217.18. If the facility plan concludes water quality trading will be used, the submittal shall include an application for water quality trading. <p>Note 1: See section 1.1.1 of this permit.</p>	6/30/2016
<p>Final Plans and Specifications: Unless the permit has been modified, revoked and reissued, or reissued to include Adaptive Management or Water Quality Trading measures, the permittee shall submit final construction plans to the Department specifying treatment plant upgrades that must be constructed to achieve compliance with final phosphorus WQBELs, and a schedule for completing construction of the upgrades by June 30, 2019.</p>	3/31/2017
<p>Treatment Plant Upgrade to Meet WQBELs: The permittee shall initiate construction of the upgrades, in accordance with the final construction plans.</p> <p>Note: See section 1.1.1 of this permit.</p>	12/31/2017
<p>Construction upgrade Progress Report: The permittee shall submit a progress report on construction upgrades.</p> <p>Note: See section 1.1.1 of this permit.</p>	6/30/2018
<p>Complete Construction: The permittee shall complete construction of wastewater treatment system upgrades.</p> <p>Note: See section 1.1.1 of this permit.</p>	6/30/2019
<p>Achieve Compliance: The permittee shall achieve compliance with final phosphorus WQBELs.</p> <p>Note: See section 1.1.1 of this permit.</p>	7/1/2019

1.1.1 Alternative Approaches to Phosphorus WQBEL Compliance

Rather than upgrading its wastewater treatment facility to comply with WQBELs for total phosphorus, the permittee may use Water Quality Trading or the Watershed Adaptive Management Option, to achieve compliance under ch. NR 217, Wis. Adm. Code, provided that the permit is first modified, revoked and

reissued, or reissued to incorporate any such alternative approach. A permittee may also implement a upgrade to its wastewater treatment facility in combination with Water Quality Trading or the Watershed Adaptive Management Option to achieve compliance, provided that the permit is first modified, revoked and reissued, or reissued to incorporate any such alternative approach. .

Water Quality Trading: If the Department agrees with the permittee's proposal that trading be pursued for achieving compliance with phosphorus requirements, the Department may seek to either modify this permit to incorporate the terms and conditions of the trade, or seek to include the terms and conditions for the trade in the next reissued or a revoked and reissued permit.

Watershed Adaptive Management: If the Department agrees with the permittee's proposal that Adaptive Management will be pursued for achieving compliance with phosphorus requirements, the Department may seek to either modify the permit to include the terms and conditions required pursuant to s. 217.18, Wis. Adm. Code, or seek to incorporate these terms and conditions in the next reissued or a revoked and reissued permit.

